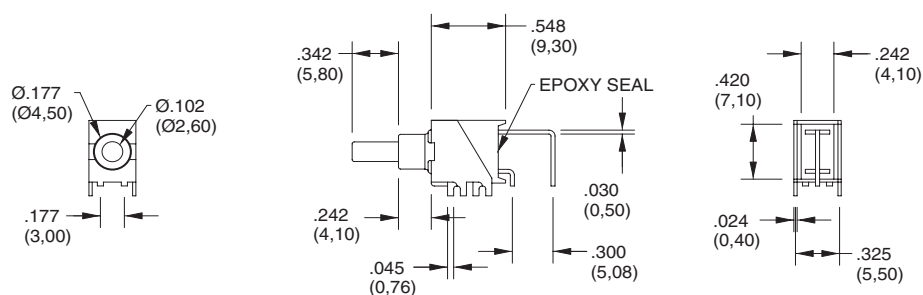
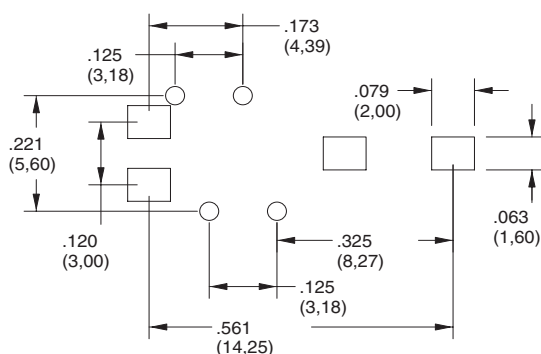


SERIES 38H**Sealed Surface Mount Subminiature Pushbutton Switches****FEATURES**

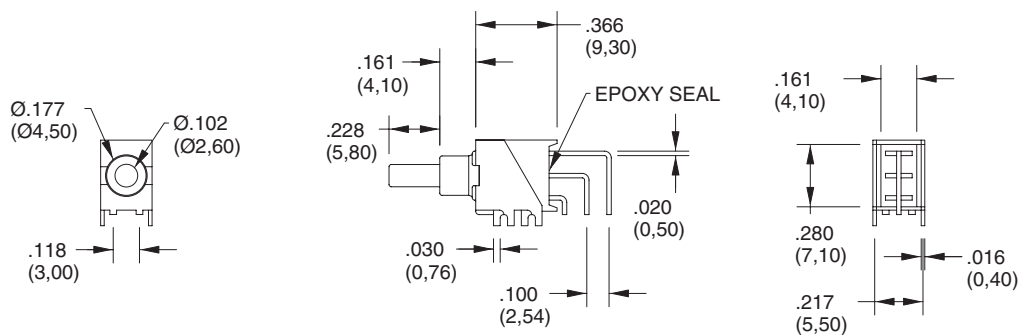
- ï Surface Mount Process Compatible
- ï Sealed Construction
- ï Solder-Coated Terminals
- ï Tape and Reel Packaging
- ï SPST and SPDT Momentary Contact
- Sealed Per IP67

**SERIES 38H****DIMENSIONS** In inches (and millimeters)**M7****SPST**

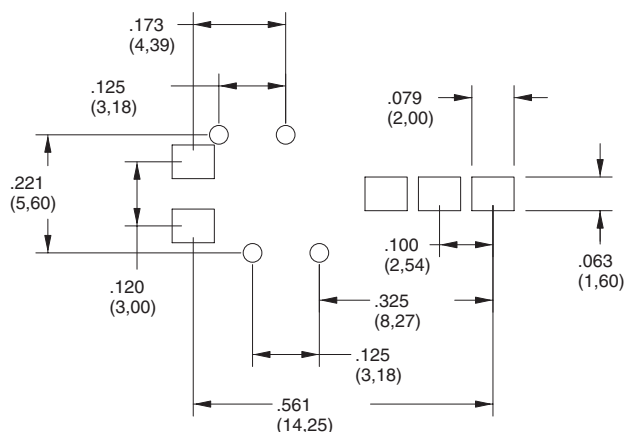
SERIES 38H

DIMENSIONS In inches (and millimeters)

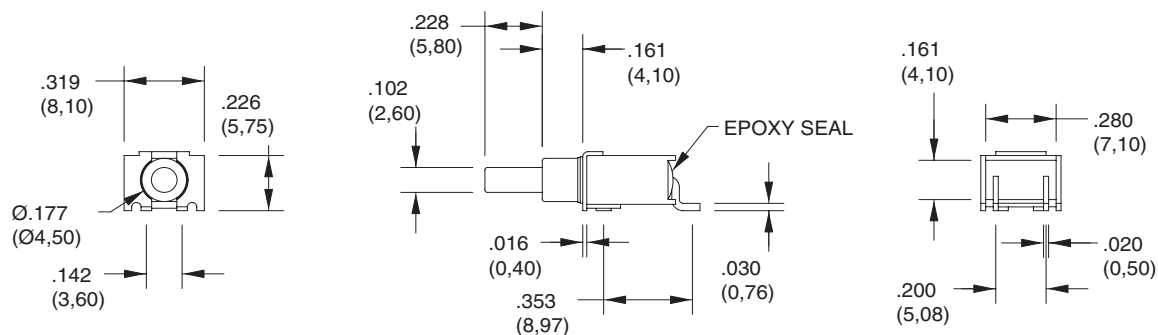
M7



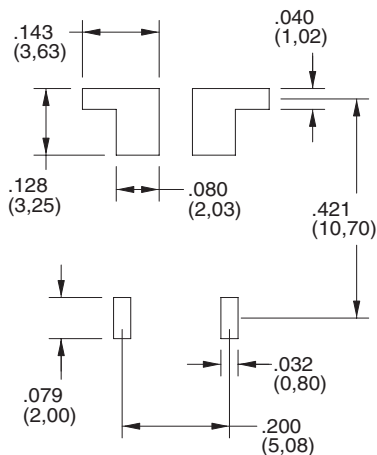
SPDT



S6

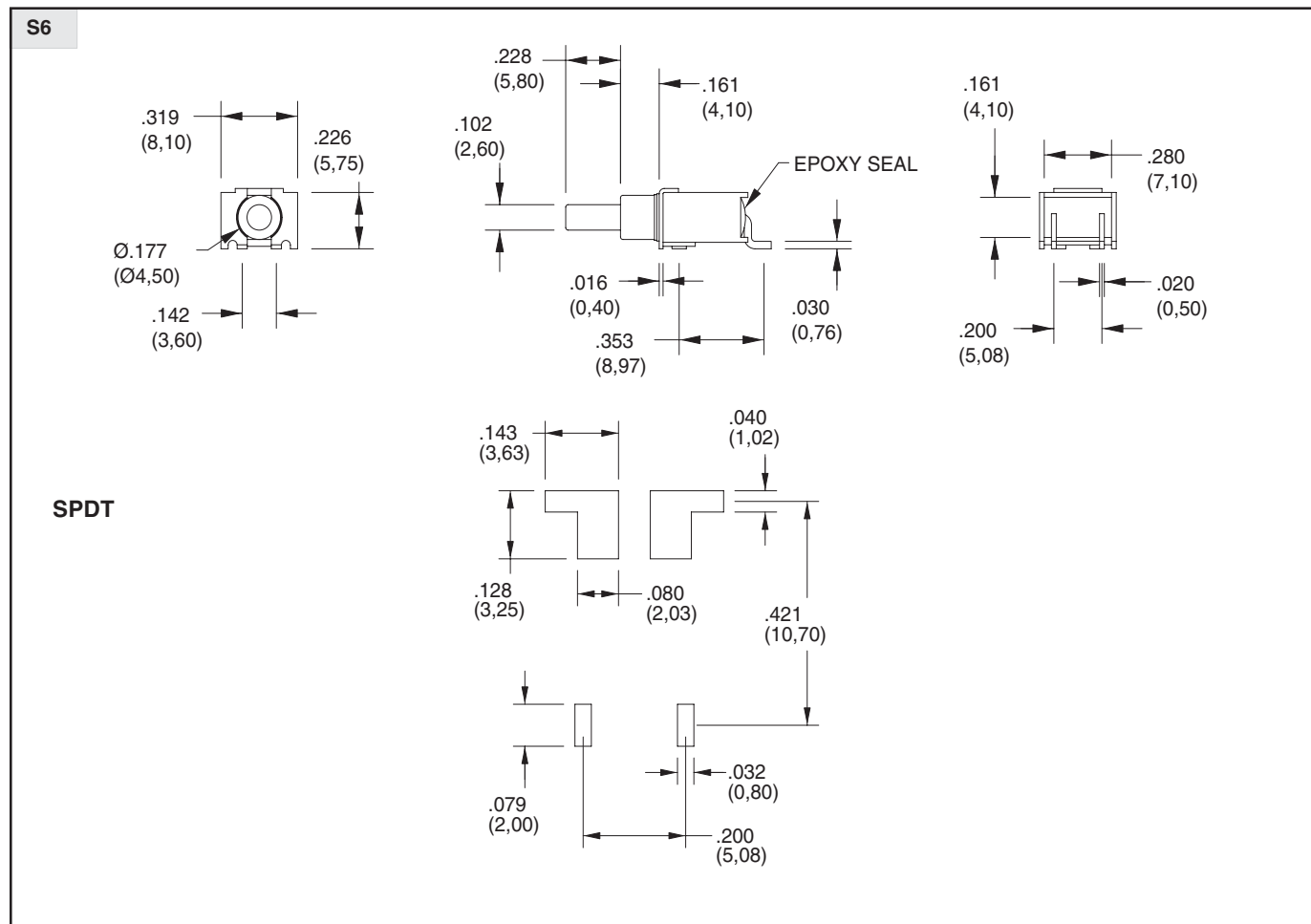


SPST



SERIES 38H

DIMENSIONS In inches (and millimeters)



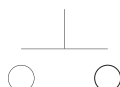
Circuitry

SPST

MODEL NO.	SWITCH POSITION	
WSP9	OFF	(ON)

()=MOMENTARY

SCHEMATIC

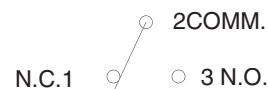


SPDT

MODEL NO.	SWITCH POSITION	
WSP8	ON	(ON)
TERM. COMM.	2-1	2-3

()=MOMENTARY

SCHEMATIC



SERIES 38H

SPECIFICATIONS

Rating Criteria

Operating Life: 30,000 make-and-break cycles at full load

Contact Rating (resistive load):

R Option: 0.4 VA maximum at 20 Vac or Vdc maximum

Q & G Options: 1A max at 125 Vac or 28 Vdc

Contact Resistance: 20 milliohms max initial at 2-4 Vdc, 100 mA

Insulation Resistance: 1000 megaohms minimum

Voltage Breakdown: 1500 Vrms minimum at sea level

Operating Temperature: -30°C. to +85°C.

Contact System: Copper alloy

Switch Support: Brass, tin-plated

Materials and Finishes

Case: Glass Filled Nylon 4/6, UL94V-

Plunger: Thermoplastic Polyester(UL 94V-0) (with internal o-ring seal)

Terminals: Copper alloy

Spring: Plated Music Wire

ORDERING INFORMATION

SERIES	MODEL NO.	TERMINATION	CONTACT	SEAL
38H	WSP8	M7	R	T
Sealed Surface Mount Subminiature Pushbutton Switches	Options: WSP8, WSP9 (see models for switching positions)	Options: M7, S6 (see termination options)	R = Copper alloy, gold plate over nickel plate. G = Copper alloy, Gold plate over silver plate Q = Copper alloy, Silver Plate	T = Lead Free and RoHS compliant

Mouser Electronics

Authorized Distributor

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Grayhill:

[38HH2040-A-2](#)